

SPECIFICATION AMENDMENTS

Please replace the paragraph beginning on Page 2, line 9 with the following paragraph:
The intelligent LED module can provide feedback about the signal's status to the controller.
Light output status 10 is given by a light sensor 21 such as photocell mounted in the LED signal adjacent to the LEDs. This provides an indication if the signal is approaching a pre-defined end of life threshold due to normal LED light output degradation. The current 6 flowing through the LEDs is monitored by current monitor 25, as well as the The LED array voltage 8 is detected by a voltage detector 23. The current and the voltage provide information about gives the electrical status of the LED array. These parameters are used in the conjunction with the light output status 10 to validate that the power supply 24 is functioning normally. Input voltage 2 is an indication of normal supply voltage 22. Input current 4 is an indication that input signal current is normal. These two signals are used to validate power supply status.